

ICFAI Tech School, IUD Research Article Publications (2021-2024)

S. No.	Academic Year	Unique Publication ID (UPID)	Name of Authors in the sequence as mentioned in the Article	School	Title of Paper	Journal	ISSN Number (Preferably e-ISSN)	Publication Year	Month-Year of Publication	Year, Vol (Issue):Page No.	Publisher	Indexing	Impact Factor (JCR)/ Cite Score (CS)	Download	Scopus	WoS	ABDC	UGC Care-I
1	2023-24	IUD-ITS-RA-2324-09-21	Virendra Singh Rana, Zia ul haq, Nishant Mathur, Saurav Dixit, Subhav Singh, Anshika Prakash, Glazkova Valeriya Viktorovna, O. V. Soloveva & S. A. Solovev	ITS	Correction: Assortment of latent heat storage materials using multi criterion decision making techniques in Scheffler solar reflector	International Journal on Interactive Design and Manufacturing (IJIDeM)	1955-2513	2024	Jul-24	2024, 18: 3131	Springer	Scopus, WoS, Q2	2.1 (IF)	Download	1	1	0	0
2	2023-24	IUD-ITS-RA-2324-08-01	Virendra Singh Rana, Zia ul haq, Nishant Mathur, Gurbir Singh Khera, Saurav Dixit, Subhav Singh, Anshika Prakash, Glazkova Valeriya Viktorovna, O. V. Soloveva & S. A. Solovev	ITS	Assortment of latent heat storage materials using multi criterion decision making techniques in Scheffler solar reflector	International Journal on Interactive Design and Manufacturing (IJIDeM)	1955-2513	2024	Jul-24	2024, 18: 3115-3129	Springer	Scopus, WoS, Q2	2.1 (IF)	Download	1	1	0	0
3	2023-24	IUD-ITS-RA-2223-09-09	Surmadhur Pant & Gaurav Bhandari	ITS	Multi Objective Scheduling of CHP based Microgrid Using Manta Ray Optimization Technique	Evergreen	2189-0420	2023	Sep-23	10(3): 422-1429	Joint Journal of Novel Carbon Resource Sciences and Green Asia Strategy	Scopus	3.9 (CS)	Download	1	0	0	0
4	2023-24	IUD-ITS-RA-2324-09-21	Prachi& T.K. Mandal	ITS	Dual Frequency Millimeter-Wave Perturbed Ring Patch Antenna Array for 5G Applications	IETE Journal of Research	0974-780X	2023	Nov-21	2023, 69:9, 5965-5974	Taylor and Francis	Scopus, WoS	5.0 (CS)	Download	1	1	0	0
5	2022-23	IUD-ITS-RA-2223-06-34	Priya Bhardwaj, Sanjeev Kumar & Yogesh Kumar	ITS	A Comprehensive Analysis of Deep Learning-Based Approaches for the Prediction of Gastrointestinal Diseases Using Multi-class Endoscopy Images	Archives of Computational Methods in Engineering	1886-1784	2023	Jun-23	30(7): 4499-4516	Springer	SCI, Scopus, WoS	8.171 (IF)	Download	1	1	0	0
6	2022-23	IUD-ITS-RA-2223-05-33	Sanjeev Kumar; Rakesh Pandey; R.P. Mohanty	ITS	Algorithm for Automation of the Teacher-Course Allotment	International Journal of Operational Research	1745-7653	2023	May-23	47(1): 81-108	Inderscience Publishers	Scopus	1.5 (CS)	Download	1	0	0	0
7	2022-23	IUD-ITS-RA-2223-03-27	Yashwant Singh Bisht, Sanjeev Kumar Shah, Virendra Singh Rana	ITS	Road map for ethanol blending & prospective scope towards sustainable development in Indian scenario	Materials Today: Proceedings	2214-7853	2023	Mar-23	Online First	Elsevier	Scopus	2.3 (CS)	Download	1	0	0	0
8	2022-23	IUD-ITS-RA-2122-01-019	V Bijalwan, VB Semwal, G Singh, and TK Mandal	ITS	HDL-PSR: Modelling Spatio-Temporal Features Using Hybrid Deep Learning Approach for Post-Stroke Rehabilitation	Neural Processing Letters	1573-773X	2023	Jan-22	2023, 55(1): 279-298	Springer	Scopus, WoS, UGC Care Group II	3 (CS)	Download	1	1	0	0
9	2022-23	IUD-ITS-RA-2223-11-09	Ajay Kumar, Md. Zia Ul Haq, Nishant Mathur, Virendra Singh Rana, Hemant Sood, Mohit Nandal	ITS	Sustainable effect of polycarboxylate ether based admixture: A meticulous experiment to hardened concrete	Materials Today: Proceedings	2214-7853	2022	Nov-22	Online First	Science Direct	Scopus	6.0 (IF)	Download	1	0	0	0
10	2022-23	IUD-ITS-RA-2223-09-07	S. Christalin Nelson, Ram Karan Singh, G.L. Prakash	ITS	Hybrid deep learning model based on Intelligent Microbat Routing (IMR) and Popularity Content Caching (PCC) for an effective caching and routing in vehicular edge networks	Computers and Electrical Engineering	0045-7906	2022	Oct-22	103:108353	ELSEVIER	Scopus, WoS	4.3 (IF)	Download	1	1	0	0
11	2021-22	IUD-ITS-RA-2122-06-038A	Prachi Gupta & Vishal Gupta	ITS	Linear 1 × 4 Microstrip Antenna Array Using Slotted Circular Patch for 5G Communication Applications	Wireless Personal Communications	1572-834X	2022	Jun-22	2022, 127: 2709-2725	Springer Nature	Scopus	4.5 (CS)	Download	1	0	0	0
12	2021-22	IUD-ITS-RA-2122-04-029	Priya Bhardwaj, Gaurav Bhandari, Yogesh Kumar & Surbhi Gupta	ITS	An Investigational Approach for the Prediction of Gastric Cancer Using Artificial Intelligence Techniques: A Systematic Review	Archives of Computational Methods in Engineering	1886-1784	2022	Apr-22	29(6): 4379-4400	Springer Nature	Scopus	2.3 (CS)	Download	1	0	0	0

13	2021-22	IUD-ITS-RA-2122-08-008A	Vishwanath Bijalwan, Vijay Bhaskar Semwal, Vishal Gupta	ITS	Wearable sensor-based pattern mining for human activity recognition: deep learning approach	Industrial Robot	0143-991x	2022	Aug-21	2022, 49(1):21-33	Emerald	Scopus	1.0 (CS)	Download	1	0	0	0
14	2021-22	IUD-ITS-RA-2122-12-E7	G.F. Chakravarthi, K. Ravindra and Siddharth Chaubey	ITS	Material characterisation of Cu-graphite-flyash and Cu-lead-flyash metal matrix composites	International Journal of Industrial and Systems Engineering	1748-5045	2021	Dec-21	39 (3): 4812-4820	Inderscience	Scopus	1.5 (CS)	Download	1	0	0	0
15	2020-21	IUD-IBS-RA-2021-06-E6	Prachi Gupta & Vishal Gupta	ITS	Dual Wideband Circular Slot Antenna for C- and X-band Applications	Radioelectronics and Communications Systems	1572-834X	2021	Aug-21	2023, 64(6), 330-335	Springer Nature	Scopus	4.5 (CS)	Download	1	0	0	0
16	2020-21	IUD-IBS-RA-2021-07-37	Prachi Gupta & Vishal Gupta	ITS	Thinned 8x8 Planar Antenna Array with Reduced Side Lobe Levels for 5G Applications	Wireless personal Communications	1572-834X	2021	Jul-21	119; 639:655	Springer Nature	Scopus	4.5 (CS)	Download	1	0	0	0
17	2020-21	IUD-ITS-RA-2021-03-27	V. Bijalwan, V.B. Samwal & T. K. Mandal	ITS	Fusion of Multi-Sensor- Based Biomechanical Gait Analysis Using Vision and Wearable	IEEE SENSORS JOURNAL	1558-1748	2021	Mar-21	21(13); 14213:14220	IEEE	Scopus, Wos	4.3 (IF)	Download	1	1	0	0
18	2020-21	IUD-ITS-RA-2021-11-10	Debashis Mania, T.K. Mandal, A.K. Bera, Brig. Ragiv Sethi.	ITS	Laboratory testing for covid-19 in suspected human cases & impact of corona virus pandemic on the global health system	Archives of Agriculture and Environmental Science	2456-6632	2020	Nov-20	5(4); 498-504	Agriculture and Environmental Science Academy	-	-	Download	0	0	0	1
19	2020-21	IUD-ITS-RA-2021-08-01	Sanjeev Kumar & Rakesh Pandey	ITS	Automated university course timetable generator	International Journal of Industrial and Systems Engineering	1748-5045	2020	Aug-20	36(1): 1-16	Inder Science Publishers	Scopus	1.7 (CS)	Download	1	0	0	0
20	2019-20	IUD-ITS-RA-1920-03-04	TK Mandal, DB Roy	ITS	A review on fabrication methods, characterization and applications of magnetic iron oxide nanomaterials	Iranian Journal of Materials Science and Engineering	1735-0808	2020	Mar-20	2020, 17(1): 124-149	Iran University of Science and Technology	Scopus	1.3 (CS)	Download	1	0	0	0
21	2019-20	IUD-ITS-RA-2223-11-10	H. Singh, V. Tirth, R. K. Singh, A. Algahtani & S. Islam	ITS	Designing of an optical vortices phase mask and used in the frequency domain of linear canonical transform for double image encryption	The Imaging Science Journal	1743-131X	2020	Nov-22	2020, 68(5-8), 288-304	Taylor and Francis	Scopus	2.3 (CS)	Download	1	0	0	0

ICFAI Tech School, IUD Book Chapter Publications (2021-2024)

S. No.	Academic Year	Year of Publication	UPID	Name of Authors in the sequence as mentioned in Book Chapter	School	Name of the Editor of the Book in Order	Chapter No.	Chapter Title	Book Title	Publisher	Month-Year of Publication	Page No.	Book ISBN No.	Download
1	2024-25	2024	IUD-ITS-BC-2425-10-02	Nishant Mathur, Abhilasha Chauhan	ITS	H S Madhusudhan, Punit Gupta, Pradeep Singh Rawat	8	Efficient Migration Technique for Load Balancing in Cloud	Advanced Computing Techniques for Optimization in Cloud	Routledge, Taylor and Francis	Oct-24	-	978-10-03457-15-2	Download
2	2023-24	2023	IUD-ITS-BC-2324-12-19	Natasha Pallavi	ITS	Priya Jindal, Amandeep Singh, Rashmi Aggarwal	7	The Application of Meta-Cognitive, Critical Thinking, Collaborative, Cooperative and Skill Based Learning Strategies in STEM	STEM: A Multi-Disciplinary Approach to Integrate Pedagogies, Inculcate Innovations and Connections	Nova Science Publishers	Dec-23	108-127	979-8-89113-305-1	Download
3	2022-23	2023	IUD-ITS-BC-2223-01-E35	Badoni, R.P., Kumar, S., Mann, M., Mohanty, R.P., Sarangi, A.	ITS	Jyotirnanjan Nayak, Shreekanth Varshney, Chandra Shekhar	1	Ant colony optimization algorithm for the university course timetabling problem using events based on groupings of students Weaker Section	Modeling and Applications in Operations Research	CRC Press	Jan-23	1-36	978-10-03462-42-2	Download
4	2022-23	2022	IUD-ITS-BC-2223-11-04	Vineet Tirth, Ram Karan Singh, Amit Tirth, Saiful Islam	ITS	Shalini Yadav, Abdelazim M. Negm, Ram Narayan Yadava	-	Water Quality, Assessment and Management in India.	Assessment of Water Quality of Ramganga River in Moradabad, India	Springer Nature	Nov-22	257-272	978-3-030-95687-5	Download
5	2022-23	2022	IUD-ITS-BC-2223-11-03	Ram Karan Singh, Vineet Tirth, Vaishali Sahu, Mansvee Singh	ITS	Shalini Yadav, Abdelazim M. Negm, Ram Narayan Yadava	-	Water Quality, Assessment and Management in India.	The Interlinking of Indian Rivers for Sustainable Use of Water Resources in India: An Overview	Springer Nature	Nov-22	15-27	978-3-030-95687-5	Download
6	2021-22	2022	IUD-ITS-BC-2122-04-007	Vineet Tirth, Ram Karan Singh, Amit Tirth, Saifullslam, and Manisha Bhatkulkar	ITS	Shalini Yadav, Abdelam M. Negm, Ram Narayan Yadava	-	Sustainable Construction Practices for Residential Buildings to Reduce the Water Footprint	Waste water Assessment, Treatment, Reuse and Development in India	Springer	Apr-22	263-278	978-3-030-95786-5	Download
7	2020-21	2021	IUD-ILS-BC-2021-01-003	T. K. Mandal	ITS	Kamel A. Abd-Elsalam, Rajiv Periakaruppan and S. Rajeshkumar	18	ZnO nanostructures for food packaging applications	Zinc-Based Nanostructures for Environmental and Agricultural Applications	Elsevier	Jan-21	139-163	978-0-12-823575-1	Download
8	2020-21	2021	IUD-ILS-BC-2021-01-002	SPK Malhotra	ITS	Kamel A. Abd-Elsalam, Rajiv Periakaruppan and S. Rajeshkumar	7	Chapter 7 - Applications of zinc oxide nanoparticles as an antimicrobial agent in the food packaging industry Author links open overlay panel	Zinc-Based Nanostructures for Environmental and Agricultural Applications	Elsevier	Jan-21	125-137	978-0-12-823575-1	Download
9	2020-21	2021	IUD-ILS-BC-2021-01-001	SPK Malhotra, Alghuthaymi, M.A.	ITS	Kamel A. Abd-Elsalam, Rajiv Periakaruppan and S. Rajeshkumar	6	Biomolecule-assisted biogenic synthesis of metallic nanoparticles	Agri-Waste and Microbes for Production of Sustainable Nanomaterials	Elsevier	Jan-21	139-163	978-0-12-823575-1	Download

ICFAI Tech School, IUD Conference Proceeding Publications (2021-2024)

S. No.	Academic Year	Year of Publication	UPID	Name of Authors in the sequence as mentioned in Proceeding	School	Name of the Conference	Dates of Conference	Title of the Published Paper	Publisher	International/ National	Month-Year of Publication	Page No.	Proceeding ISBN No.	Download
1	2024-25	2024	IUD-ITS-CP-2425-08-02	Gaurav Singh Negi; Mukul Kumar Gupta; Nitin Kumar Saxena; Kapil Joshi; Nagendar Yamsani; Surmadhur Pant	ITS	2nd International Conference on Sustainable Computing and Smart Systems, ICSCSS 2024	10-12 July, 2024	Empowering Sustainability and Resilience: The Prominence of Microgrids in a Decentralized Energy Future	IEEE	International	Aug-24	-	979-8-3503-7999-0	Download
2	2024-25	2024	IUD-ITS-CP-2425-08-01	Virendra Singh Rana, Ram Karan Singh, Nishant Mathur, Yashwant Singh & Mohit Kumar Arya	ITS	2nd Biennial International Symposium on "Fluids and Thermal Engineering" (FLUTE 2023)	20-21 July, 2023	A Hybrid Fuzzy-Python MCDM Model Used in Sheffler Solar Reflector for the Selection of Sustainable Latent Heat Storage Material	Springer	International	Aug-24	509-525	978-981-97-2481-9	Download
3	2023-24	2024	IUD-ITS-CP-2324-04-11	Bansidhar Joshi, Bineet Kumar Joshi and Sanjeev Kumar	ITS	International Conference on Computing, Power, and Communication Technologies (IC2PCT)	23-25 June, 2023	A Novel Deep Learning Based Gender Classification, Expression Recognition and Emoticon Generation	IEEE	International	Apr-24	29-33	979-8-3503-8354-6	Download
4	2023-24	2024	IUD-ITS-CP-2324-04-10	Virendra Singh Rana, Ram Karan Singh, Nishant Mathur, Yashwant Singh & Mohit Kumar Arya	ITS	International Conference on Mechanical Engineering: Researches and Evolutionary Challenges(ICMech-REC-2023)	23-25 June, 2023	A Selection of Renewable Energy Using Three-Phase Hybrid Fuzzy Model to Attain Sustainable Development Goals.	Springer	International	Apr-24	55-67	978-981-97-0918-2	Download
5	2023-24	2023	IUD-ITS-CP-2324-12-E22	S. Christalin Nelson, Ram Karan Singh, G. L. Prakash	ITS	International e-Conference on Advances in Computer Engineering and Communication Systems (ICACECS 2023)	4-5 Nov 2022	A Design of Highly-Secured Map Chaotic Encryption Scheme for VANET Communication	ATLANTIS Press (Part of Springer Nature)	International	Dec-23	188-197	978-94-6463-314-6	Download
6	2022-23	2023	IUD-IBS-CP- 2223-07-06	Shekhar, Gaurav Bhandari, Sudhanshu Tyagi	ITS	6th International Conference on Microelectronics and Telecommunication Engineering, ICMETE 2022	26-27 May 2023	Dynamic Bandwidth Allocation Using Linear Regression Model in IOT with Machine Learning Techniques	Springer	International	Jun-23	597-609	978-981-19-9512-5	Download
7	2022-23	2023	IUD-ITS-CP- 2223-05-03	Sanjeev Kumar; Ashirbad Sarangi; R. P. Mohanty	ITS	International Conference on Recent Advances in Mechanical Engineering Research and Development	12-13 August 2022	Development of Automobile Recommender System using Machine Learning and AHP Algorithms	Springer	International	May-23	335-343	978-981-19-9493-7	Download
8	2022-23	2023	IUD-ITS-CP- 2223-01-02A	Samarth Agarwal; Prachi Gupta	ITS	2022 IEEE Microwaves, Antennas, and Propagation Conference, MAPCON	12-16 December 2022	Sub-6GHz Novel C-Shaped Antenna for 5G Application	IEEE	International	Feb-23	729-732	978-1-6654-5203-8	Download
9	2022-23	2023	IUD-ITS-CP- 2223-01-02	Shekhar, Gaurav Bhandari, Sudhanshu Tyagi	ITS	2022 IEEE Silchar Subsection Conference (SILCON)	04-06 November 2022	A Survey of Dynamic Bandwidth Allocation to Enhance Quality of Service in Internet of Things	IEEE	International	Jan-23	01-05	978-1-6654-7100-8	Download
10	2022-23	2022	IUD-ITS-CP- 2223-08-01	Priya Bhardwaj, Sanjeev Kumar, Yogesh Kumar	ITS	2022 International Conference on Machine Learning, Big Data, Cloud and Parallel Computing (COM-IT-CON)	26-27 May 2022	Deep Learning Techniques in Gastric Cancer Prediction and Diagnosis	IEEE	International	Aug-22	843-850	978-1-6654-9602-5	Download

11	2021-22	2022	IUD-ITS-CP- 2223-08-01A	Prachi & Vishal Gupta	ITS	26th annual International Conference on Advanced Computing and Communications, ADCOM 2020	16-18 December, 2020	Medical Sign Shaped Compact Wideband 2 × 2 MIMO Antenna for 5G Application	Springer	International	Apr-22	129-137	978-981190018-1	Download
12	2021-22	2022	IUD-ITS-CP-2122-01-03	Priya Bhardwaj, Yogesh Kumar, Gaurav Bhandari	ITS	IEEE 8th Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering (UPCON)	11-13 Nov 2021	AI-Enabled Computational Techniques for Cancer Diagnosis	IEEE	International	Jan-22	-	978-1-6654-0962-9	Download
13	2020-21	2020	IUD-ITS-CP- 2122-10-01	Sanjeev Kumar, Ashirbad Sarangi & R P Mohanty	ITS	The International Symposium for Production Research	24-26 Sept, 2020	A Hybrid Recommender System: Uniqueness of Choices by Using Machine Learning Technique	Springer	International	Oct-20	41334	978-3-030-62784-3	Download
14	2019-20	2020	IUD-ITS-CP- 2122-10-01	Sethi, A., Vijay, S., Gupta, V.	ITS	Third International Conference on Computing and Network Communications (CoCoNet'19)	18-21 Dec 2019	Mobility and QoS based cross network for ICN Vehicular Communication	Elsvier	International	Jun-20	897-906	-	Download